

Glyoxylic acid, MO TBDMS # 1

Inchi: InChI=1S/C9H19NO3Si/c1-9(2,3)14(5,6)13-8(11)7-10-12-4/h7H,1-6H3
InchiKey: XJGPZNJNUZQJNG-UHFFFAOYSA-N
Formula: C9H19NO3Si
SMILES: CON=CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 217.34

Physical Properties

Property code	Value	Unit	Source
log10ws	0.25		Crippen Method
logp	2.167		Crippen Method
rinpol	1451.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R564362&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/113-929-5/Glyoxylic-acid-MO-TBDMS-1.pdf>

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